

**PATENT APPLICATION FEE DETERMINATION RECORD**  
Effective October 1, 2003

Application or Docket Number

10729064

**CLAIMS AS FILED - PART I**

(Column 1) (Column 2)

TOTAL CLAIMS	6	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	6 minus 20 =	*
INDEPENDENT CLAIMS	1 minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

\* If the difference in column 1 is less than zero, enter "0" in column 2

**CLAIMS AS AMENDED - PART II**

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	6	20	= -
Independent	1	3	= -
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY TYPE ☐ OR

OTHER THAN SMALL ENTITY

RATE	FEE	OR	RATE	FEE
BASIC FEE	385.00		BASIC FEE	770.00
X\$ 9=			X\$18=	
X43=			X86=	
+145=			+290=	
TOTAL	385		TOTAL	

SMALL ENTITY OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE	OR	RATE	ADDITIONAL FEE
X\$ 9=			X\$18=	
X43=			X86=	
+145=			+290=	
TOTAL ADDIT. FEE			TOTAL ADDIT. FEE	

AMENDMENT B

(Column 1) (Column 2) (Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	6	20	= -
Independent	1	3	= -
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE	OR	RATE	ADDITIONAL FEE
X\$ 9=			X\$18=	
X43=			X86=	
+145=			+290=	
TOTAL ADDIT. FEE			TOTAL ADDIT. FEE	

AMENDMENT C

(Column 1) (Column 2) (Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	6	20	= -
Independent	1	3	= -
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE	OR	RATE	ADDITIONAL FEE
X\$ 9=			X\$18=	
X43=			X86=	
+145=			+290=	
TOTAL ADDIT. FEE			TOTAL ADDIT. FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT APPLICATION of:

Hui-Chun Hsu

Application No.: 10/729,064

Filed: December 05, 2003

For: Heat Pipe having Fiber Wick  
Structure

Group: 3743

Examiner: McKinnon, Terrell L.

Our File: OP094000390

Date: June 5, 2005

REPLY PURSUANT TO 37 C.F.R. §1.116

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

It is respectfully requested that the period for replying to the Examiner's Action dated February 25, 2005 be extended for one month under the provisions of 37 C.F.R. 1.136(a).

Please charge the applicable extension fee of \$60.00 pursuant to 37 C.F.R. 1.17(a) to the Deposit Account, No. ~~502751~~.

50-3303

Respectfully submitted,

By   
Kao H. Lu Esquire  
Registration No. 43,761  
(610) 446-5886

686 Lawson Ave  
Havertown, Pa 19083


- 1 -

wick-covered inner tube is inserted into the outer tubular, then the yarn and other fibers will be removed by heat or chemical treatment. The amended claim 1 of the current application specifies that the wick structure uses two different fibers, one has a higher melting points than the pipe has and another fiber has a lower melting point than the pipe has so that the low melting point fiber will adhesive the wick structure to the inner wall of the heat pipe after sintering. The current application does not require an inner tubular as Honda does, and the purpose of using two different melting points fibers by the current invention is different from Honda's teaching. Katayama discloses a wick made up of a ribbon-shaped material of relatively narrow width wound in the form of a helix, where a multiple layers with each layer is wound in opposite direction from the previous layer. Applicant respectfully submits that not all elements cited in Applicant's claims are taught or suggested within the prior art individually or their combination. Therefore, Applicant respectfully disagrees with the Examiner's rejections.

If the Examiner believes that a further telephonic interview will facilitate allowance of the claims, he is respectfully requested to contact the undersigned at (610) 446-5886. For the reasons stated above, Applicants respectfully assert that the pending claims are in condition for allowance. Reconsideration and allowance of the pending claims are respectfully requested.

Respectfully submitted,

Hui-Chen Hsu

By   
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